## CLAIMS

- 1. A method for stabilizing a protein, which comprises the step of substituting an amino acid that is located adjacent to an amino acid being deamidated with another amino acid.
- 2. The method for stabilizing a protein of claim 1, wherein the amino acid being deamidated is asparagine.

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- 3. The method for stabilizing a protein of claim 1, wherein the amino acid that is located adjacent to the C-terminal side of the amino acid being deamidated is glycine.
- 4. The method for stabilizing a protein of any one of claims 1 to 3, wherein the protein is an antibody.
- 5. The method for stabilizing a protein of claim 4, wherein the antibody is humanized antibody.
- 6. The method for stabilizing a protein of claim 4 or 5, wherein the amino acid being deamidated exists in the complementary determining region (CDR).
  - 7. The method for stabilizing a protein of claim 6, wherein the complementary determining region (CDR) is CDR2.
  - 8. The method for stabilizing a protein of any one of claims 1 to 3, wherein the protein is an antigen binding protein.
  - 9. The method for stabilizing a protein of any one of claims 1 to 3, wherein the protein belongs to the immunoglobulin superfamily.
- 25 10. The method for stabilizing a protein of any one of claims 1 to 3, wherein the protein is a pharmaceutical agent.
  - $11.\ \mbox{A}$  protein stabilized by the method of any one of claims 1 to 10.
- 12. The stabilized protein of claim 11 whose antigen 30 binding activity is 70% or more of the activity before the amino acid substitution.